

T10N, R58W, 6th P.M.

WHITING OIL & GAS CORP.

2012 Alum. Cap,
#28285, 0.3' High
Lat: 40.860647°
Long: 103.823292°

2012 Alum. Cap,
#28285, 0.3' High
Lat: 40.860664°
Long: 103.813706°

2006 Alum. Cap,
#24949,
0.6' Below Ground
Lat: 40.860678°
Long: 103.804117°

R
58
W

R
57
W

N89°51'36"E - 2652.47' (Meas.) N89°51'36"E - 2652.47' (Meas.)

N00°28'29"W - 2650.08' (Meas.)

N00°31'10"W - 2647.68' (Meas.)

N00°28'29"W - 2650.08' (Meas.)

N01°11'48"W - 2649.08' (Meas.)

2012 Alum. Cap,
#28285, 0.3' High
Lat: 40.853375°
Long: 103.823214°

RAZOR FEDERAL #12H-1313A
Elev. Graded Ground = 4947'

2006 Alum. Cap,
#24949,
0.6' Below Ground
Lat: 40.853414°
Long: 103.804036°

NOTE:
THE PROPOSED TARGET BOTTOM HOLE FOR
THIS WELL IS LOCATED IN THE SE 1/4 SE
1/4 OF SECTION 13, T10N, R58W, 6th P.M.,
AT 100' FSL 1155' FEL. IT BEARS
S00°00'02"W 7750.94' FROM THE PROPOSED
TOP OF PRODUCTION.

12

Top of
Production

2010 Alum. Cap,
Flush With Ground,
T-Post, Large Stones
Lat: 40.846106°
Long: 103.823136°

2012 Alum. Cap,
#28285, 0.3' High
Lat: 40.846125°
Long: 103.813489°

1917 Brass Cap,
Fence
Lat: 40.846147°
Long: 103.803839°

N89°49'09"E - 2670.18' (Meas.) N89°49'09"E - 2670.18' (Meas.)

Target
Bottom
Hole

PDOP = 1.3

NAD 83 (TOP OF PRODUCTION)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°51'11.29" (40.853136)	LATITUDE = 40°51'13.50" (40.853750)
LONGITUDE = 103°48'28.15" (103.807819)	LONGITUDE = 103°48'24.45" (103.806792)
NAD 27 (TOP OF PRODUCTION)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°51'11.34" (40.853150)	LATITUDE = 40°51'13.55" (40.853764)
LONGITUDE = 103°48'26.34" (103.807317)	LONGITUDE = 103°48'22.65" (103.806292)

Well location, RAZOR FEDERAL #12H-1313A
(SURFACE LOCATION), located as shown in the SE
1/4 NE 1/4 of Section 12, T10N, R58W, 6th P.M.,
Weld County, Colorado.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF
SECTION 15, T9N, R58W, 6th P.M. TAKEN FROM THE
GATEHOOK SPRING, QUADRANGLE, COLORADO, WELD COUNTY,
7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE
UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL
SURVEY. SAID ELEVATION IS MARKED AS BEING 4679 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S51°44'06"W	362.00'



SCALE

CERTIFICATION

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 28285
STATE OF COLORADO
10-19-15

REVISED: 10-19-15 K.B.
REVISED: 07-12-13

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

LEGEND:

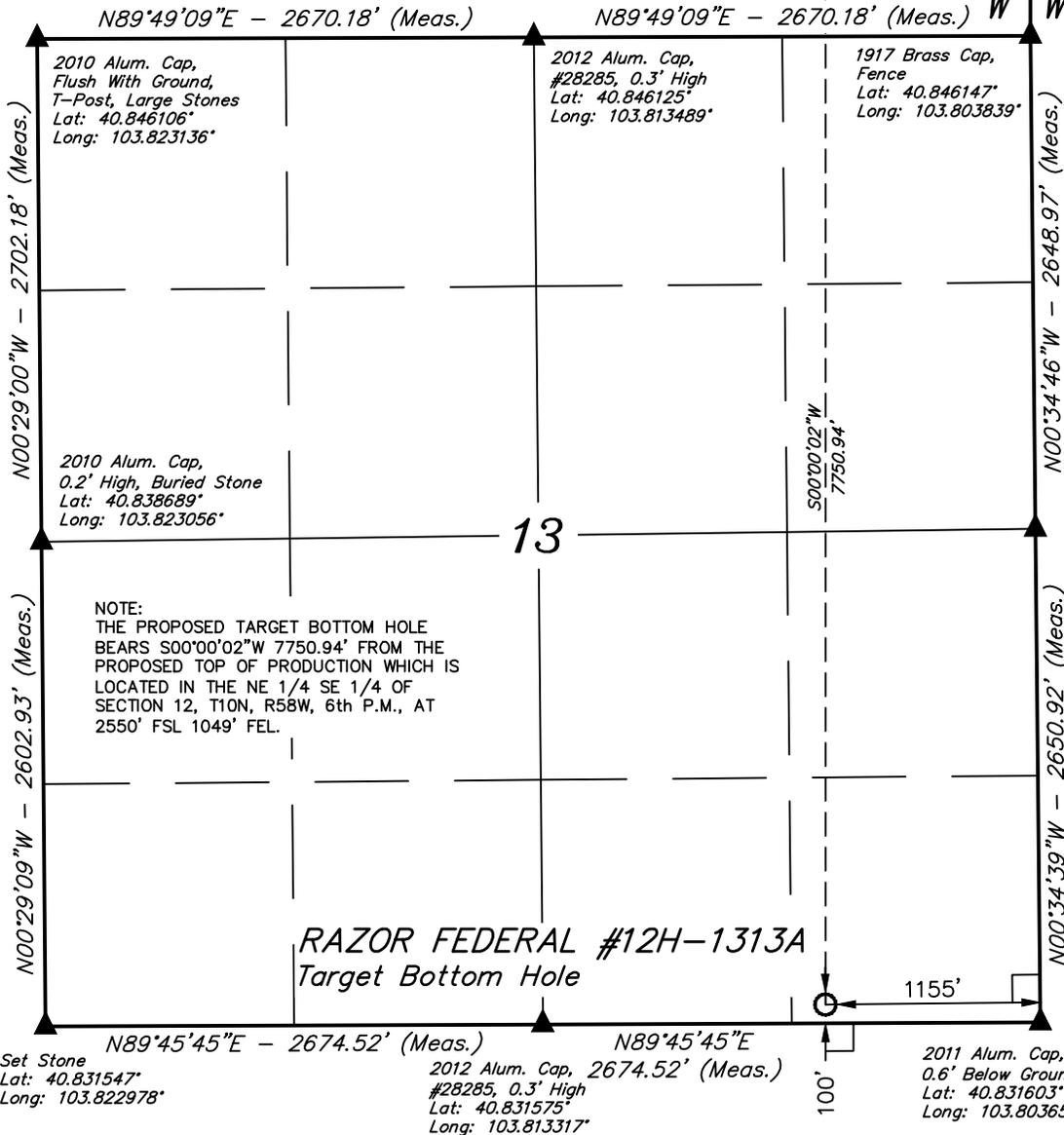
- └─┘ = 90° SYMBOL
- = PROPOSED WELLHEAD.
- ◆ = TOP OF PRODUCTION.
- = TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED.

SCALE 1" = 1000'	DATE SURVEYED: 05-10-13	DATE DRAWN: 05-15-13
PARTY J.H. C.M. A.D.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE WHITING OIL & GAS CORP.	

T10N, R58W, 6th P.M.

Top of Production 

R 58
R 57
W W



2010 Alum. Cap,
Flush With Ground,
T-Post, Large Stones
Lat: 40.846106°
Long: 103.823136°

2012 Alum. Cap,
#28285, 0.3' High
Lat: 40.846125°
Long: 103.813489°

1917 Brass Cap,
Fence
Lat: 40.846147°
Long: 103.803839°

2010 Alum. Cap,
0.2' High, Buried Stone
Lat: 40.838689°
Long: 103.823056°

2012 Alum. Cap,
#28285, 0.1' High
Lat: 40.838878°
Long: 103.803747°

NOTE:
THE PROPOSED TARGET BOTTOM HOLE
BEARS S00°00'02"W 7750.94'
LOCATED IN THE NE 1/4 SE 1/4 OF
SECTION 12, T10N, R58W, 6th P.M., AT
2550' FSL 1049' FEL.

RAZOR FEDERAL #12H-1313A
Target Bottom Hole

Set Stone
Lat: 40.831547°
Long: 103.822978°

2012 Alum. Cap, 2674.52' (Meas.)
#28285, 0.3' High
Lat: 40.831575°
Long: 103.813317°

2011 Alum. Cap,
0.6' Below Ground
Lat: 40.831603°
Long: 103.803653°

WHITING OIL & GAS CORP.

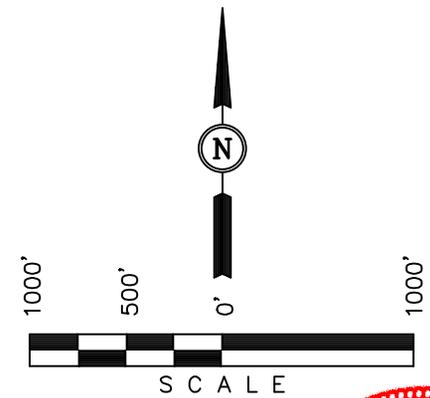
Well location, RAZOR FEDERAL #12H-1313A
(TARGET BOTTOM HOLE), located as shown in the
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P.M., Weld County, Colorado.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF
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- LEGEND:**
-  = 90° SYMBOL
 -  = PROPOSED WELLHEAD.
 -  = TOP OF PRODUCTION.
 -  = TARGET BOTTOM HOLE.
 -  = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°49'54.72" (40.831867)
LONGITUDE = 103°48'28.19" (103.807831)
NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°49'54.77" (40.831881)
LONGITUDE = 103°48'26.38" (103.807328)

SCALE 1" = 1000'	DATE SURVEYED: 05-10-13	DATE DRAWN: 05-15-13
PARTY J.H. C.M. A.D.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE WHITING OIL & GAS CORP.	